

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021325\
 Data File : VY021194.D
 Acq On : 13 Feb 2025 16:28
 Operator : SY/MD
 Sample : Q1365-02
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-214

Quant Time: Feb 14 00:45:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.707	168	33770	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	55137	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	45849	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	14951	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	18993	54.893	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.780%
35) Dibromofluoromethane	7.640	113	19454	55.055	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.120%
50) Toluene-d8	10.109	98	65293	48.536	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.080%
62) 4-Bromofluorobenzene	12.408	95	16828	38.290	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	76.580%

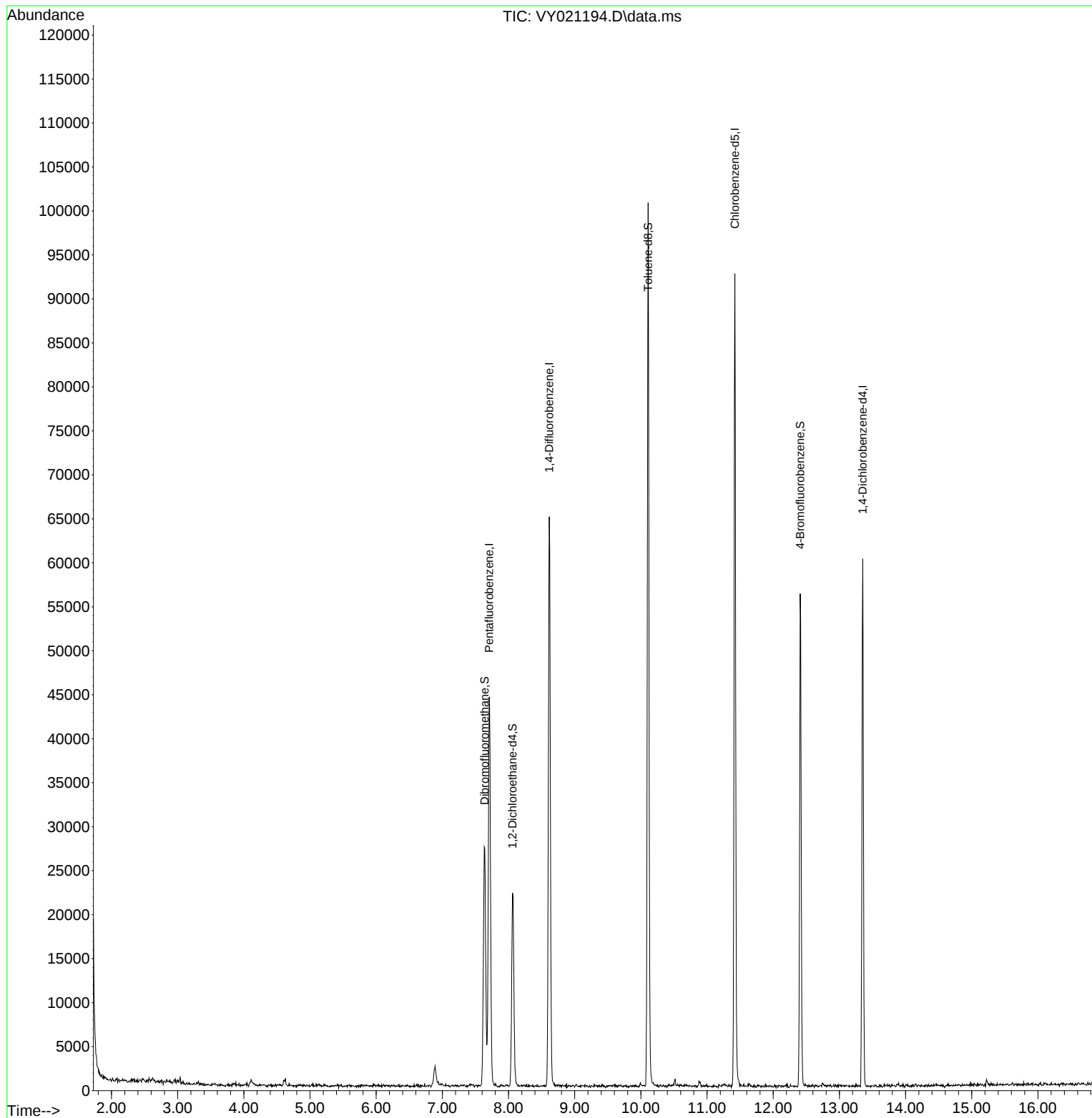
Target Compounds	Qvalue

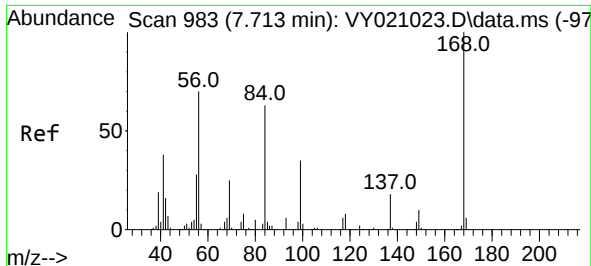
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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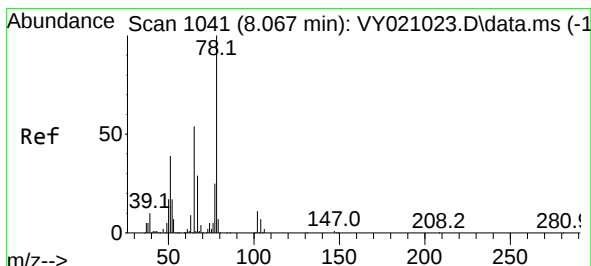
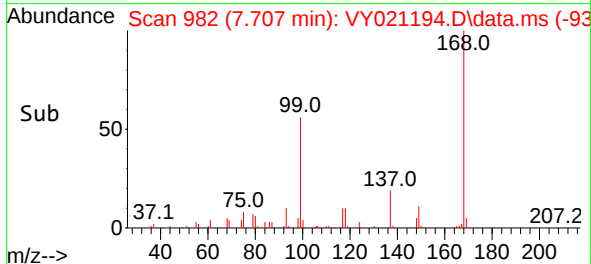
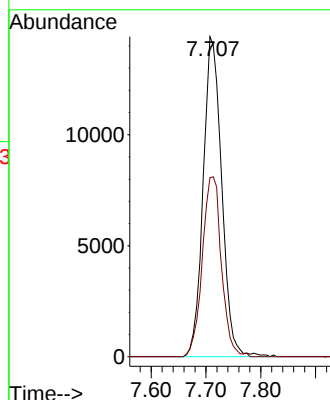
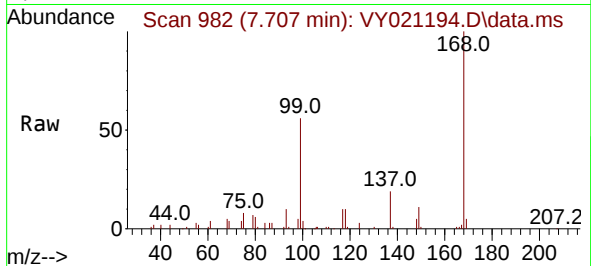




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021194.D
Acq: 13 Feb 2025 16:28

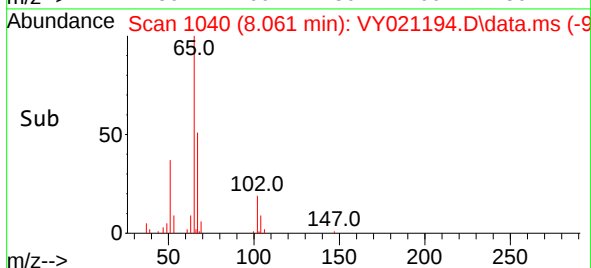
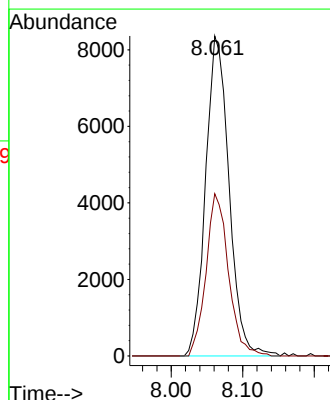
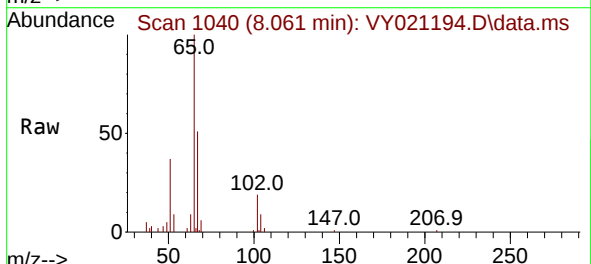
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-214

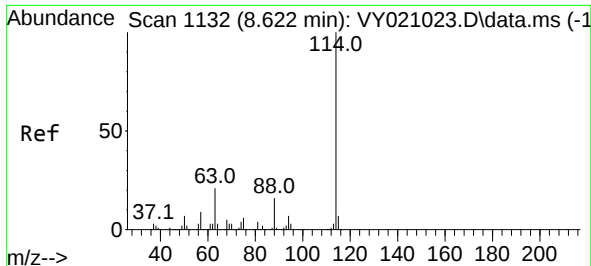
Tgt Ion:168 Resp: 33770
Ion Ratio Lower Upper
168 100
99 56.0 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 54.893 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021194.D
Acq: 13 Feb 2025 16:28

Tgt Ion: 65 Resp: 18993
Ion Ratio Lower Upper
65 100
67 48.8 0.0 109.0

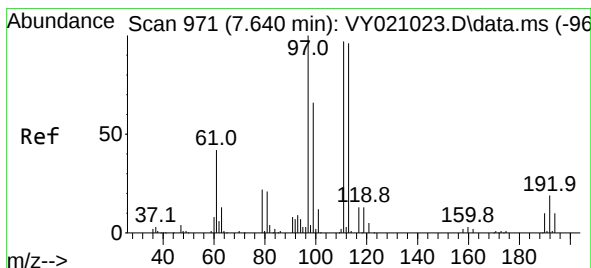
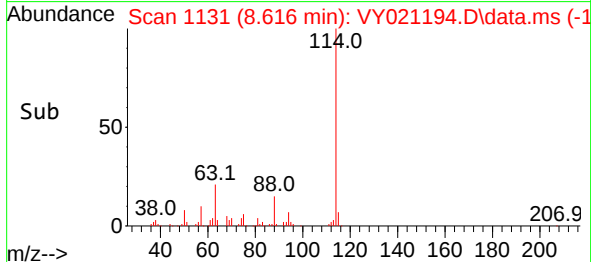
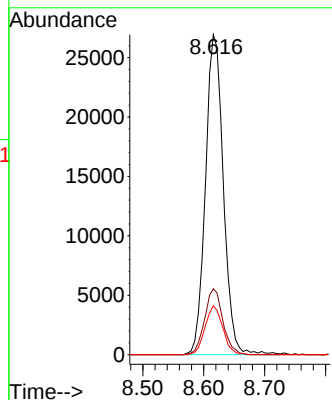
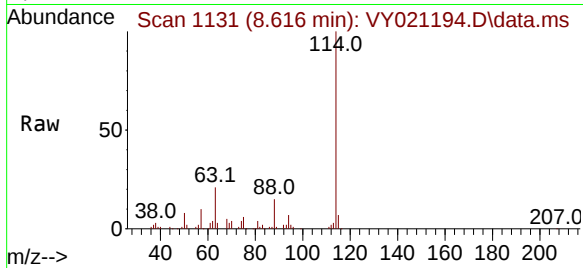




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VY021194.D
Acq: 13 Feb 2025 16:28

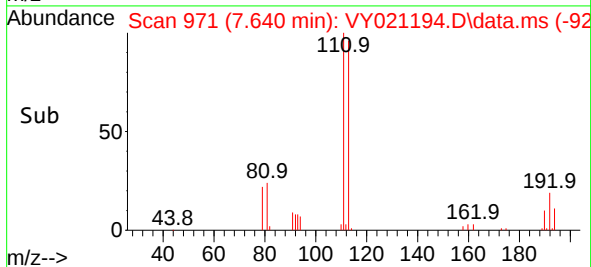
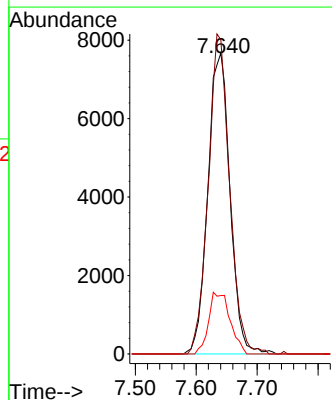
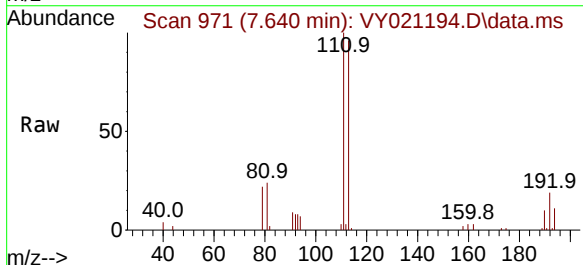
Instrument :
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ClientSampleId :
VNJ-214

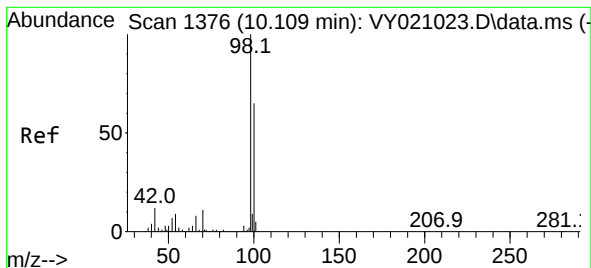
Tgt Ion:	114	Resp:	55137
Ion Ratio	Lower	Upper	
114	100		
63	20.6	0.0	37.4
88	15.3	0.0	29.0



#35
Dibromofluoromethane
Concen: 55.055 ug/l
RT: 7.640 min Scan# 971
Delta R.T. -0.000 min
Lab File: VY021194.D
Acq: 13 Feb 2025 16:28

Tgt Ion:	113	Resp:	19454
Ion Ratio	Lower	Upper	
113	100		
111	102.3	83.8	125.6
192	19.7	14.5	21.7

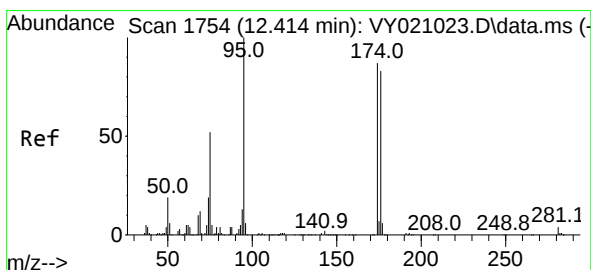
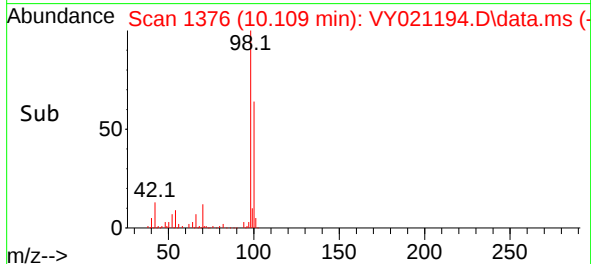
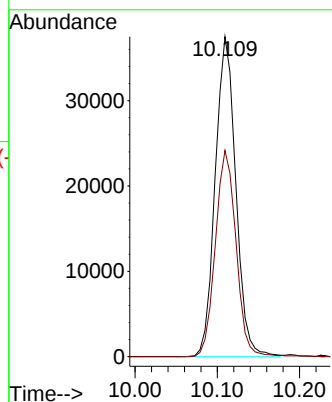
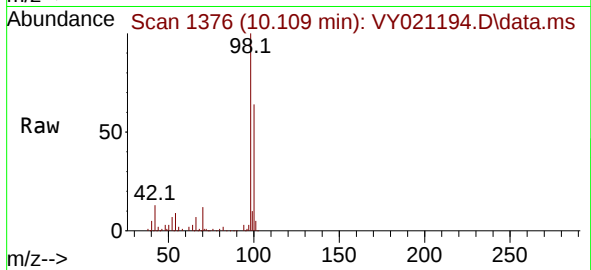




#50
Toluene-d8
Concen: 48.536 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY021194.D
Acq: 13 Feb 2025 16:28

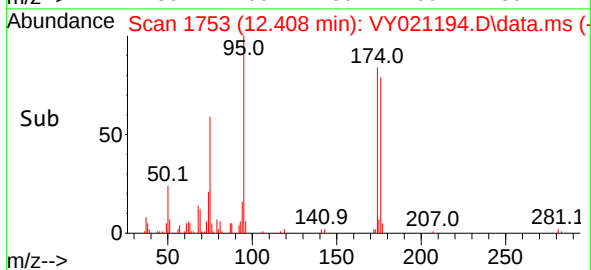
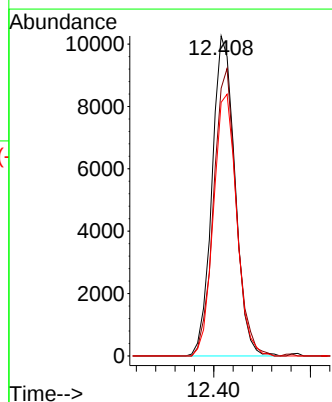
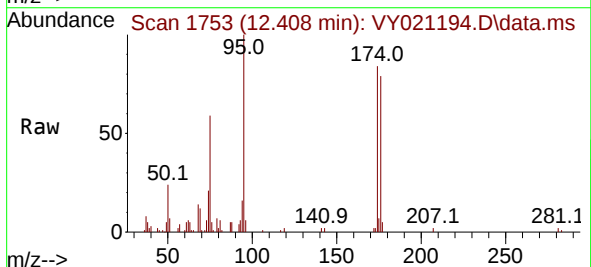
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-214

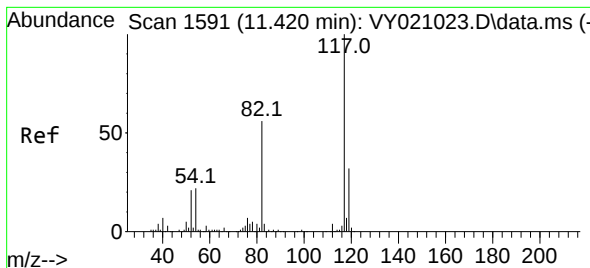
Tgt Ion: 98 Resp: 65293
Ion Ratio Lower Upper
98 100
100 64.9 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 38.290 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY021194.D
Acq: 13 Feb 2025 16:28

Tgt Ion: 95 Resp: 16828
Ion Ratio Lower Upper
95 100
174 88.7 0.0 160.0
176 82.8 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY021194.D

Acq: 13 Feb 2025 16:28

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-214

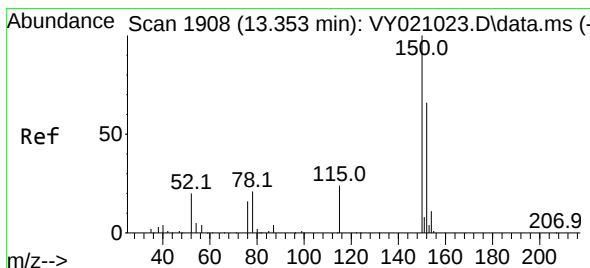
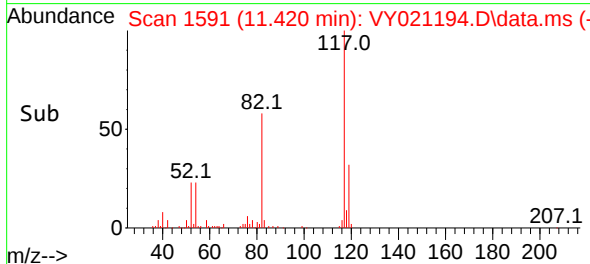
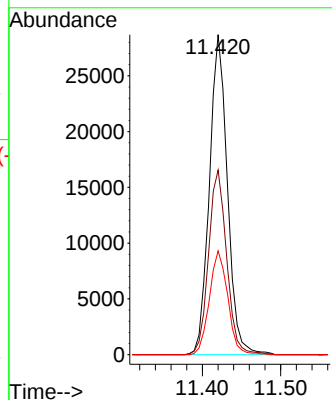
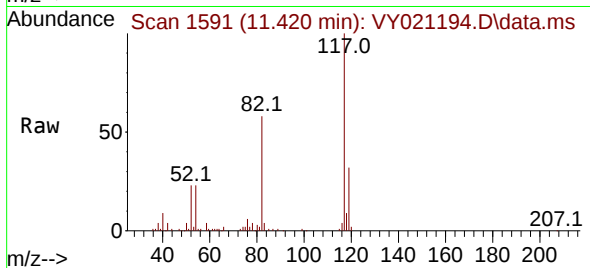
Tgt Ion:117 Resp: 45849

Ion Ratio Lower Upper

117 100

82 57.7 43.8 65.8

119 32.5 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY021194.D

Acq: 13 Feb 2025 16:28

Tgt Ion:152 Resp: 14951

Ion Ratio Lower Upper

152 100

115 58.8 30.0 90.0

150 157.2 0.0 344.6

